

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010089

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 860C23/00 F02B37/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60C F02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|--|
| Y | US 2002/121323 A1 (TARASINSKI NICOLAI) 5 September 2002 (2002-09-05) page 1 -page 3; claims; figures | 1-12,14, 16-21, 27,29,31 |
| Y | DE 102 47 216 A (CATERPILLAR INC) 10 July 2003 (2003-07-10) cited in the application | 1-4, 7-12,14, 16-21, 27,29,31 |
| Y | column 2 -column 7; claims; figures | |
| Y | ANONYMOUS: "Turbolader machen mobil" INTERNET ARTICLE, 'Online! 20 August 1999 (1999-08-20), XP002309621 Retrieved from the Internet: <URL: http://home.arcor.de/hilst/VDI0899g. html> 'retrieved on 2004-12-08! page 3, paragraph 5 | 1-12,14, 16-18, 20,21, 27,31 |
| | --- | --- |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

Date of mailing of the International search report

9 December 2004

29/12/2004

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| C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|---|---|-----------------------------|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | <p>BORGWARNER TURBO SYSTEMS: "Variable Turbinengeometrie (VTG)" INTERNET ARTICLE, 'Online!' February 2003 (2003-02), XP002309653 Retrieved from the Internet: <URL:http://www.turbos.bwauto.com/de/products/vtg.asp> 'retrieved on 2004-12-08! page 2 -page 7</p> <p>_____</p> | 1-12,14, 16-21, 27,31 |

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| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
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| DE 10247216 | A | 10-07-2003 | US DE | 2003115869 A1 10247216 A1 | | 26-06-2003 10-07-2003 |